Message

From: Michael Dourson [dourson@tera.org]
Sent: 3/26/2019 10:39:15 AM
To: David_Savitz@Brown.edu
CC: Andrea Hinwood [Andrea.Hinwood@epa.vic.gov.au]; Þórhallur Ingi Halldórsson [tih@hi.is]; Dunlap, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=591eb15a268249dda0c05a7451f765c3-Dunlap, Dav]
Subject: PFAS SETAC International Meeting

Dear Dr. Savitz,

My co-chairs Andrea Hinwood and Thorhallur Halldorsson invite you to participate in an upcoming breakout session of the international SETAC PFAS meeting. The meeting will be held on August 12-15, 2019, at the Durham Convention Center, North Carolina, details of which can be found at https://pfas.setac.org.

As you know, fundamental differences exist between jurisdictions in the application of PFAS-specific study outcomes; in study choice and critical effect; in use of toxicokinetics, and/or dosimetry, clearance rates, and modeling; and in the judgment of exposure and/or safety factors to derive ecological and human health safe doses and corresponding criteria (e.g., TLVs, Health Advisories). Our session on risk characterization is aimed at documenting these differences and providing an understanding of the rationale for the approaches used and the uncertainties around the corresponding criteria. It is proposed to use a panel session to address the basis on which several national jursidictions have developed criteria, and, where possible, to attain common ground on what might be used for risk characterisation in a breakout session that includes other authorities, such as yourself, and other attendees.

The session will start with a overview on how different authorities have estimated safe concentrations (i.e., criteria/guidelines) from individual PFAS and mixtures in the environment/food to human and ecological receptors. This will be followed by an overview (5 to 10 minutes) of salient features of PFAS positions from each of five different national authorities leaving time for a panel discussion.

After this session, a more broadly inclusive break-out group, and one in which your expertise would be invaluable, will discuss topics such as:

- Support for choices of critical effect, appropriate experimental animal species, and uncertainty or safety factor;
- Scientific data used to select biological half-lives and other key toxicokinetic characteristics among specific species and between genders;
- Modelling approaches used to derive criteria;
- The chemical and physical properties used to estimate exposure and uptake;
- Consideration of an integrated approach for the development of human health and ecological criteria;
- Potential for use of a TEF approach and its basis for some PFAS compound classes; if so, which ones;
- Validation of exposure/ concentration, uptake, and effects; for example, a qualitative 'sensitivity analysis' of uncertainties; or a discussion on how the potential magnitude of these uncertainties affect jurisdictional criteria.

Your contribution to this meeting and discussion of Michigan's approach would be highly valued. The costs of your travel would be met by the organisers to enable you to attend this meeting. We look forward to hearing from you.

Sincerely,

Michael L. Dourson
Director of Science
Toxicology Excellence For Risk Assessment
A 501c3 environmental science NGO

Dr. Andrea Hinwood
Executive Director Applied Science
& Chief Environmental Scientist
Environment Protection Authority Victoria

Professor Thorhallur Halldorsson
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